

spray provide a medium for propagation of the ultrasonic waves emanating from the distal end surface. According to the method of the present invention directed particle spray created by low frequency ultrasound waves onto a wound, delivers drug, kills bacteria on that wound, increases blood flow, and removes dirt and other contaminants from that surface (mechanical cleansing).

Please replace the second full paragraph on page 6 with the following paragraph:

One of the major advantages of the invention is the uniformity of the spray particles generated. Because liquid is sprayed from a solid radiation surface, there is substantial uniformity of particle size, about 90% or greater, preferably from about 90 to 96%. It is provided that the distal radiation surface is driven with constant frequency to create the spray. It is also provided that the driving frequency can be modulated during treatment and that the distal radiation surface is driven with a sinusoidal, rectangular, trapezoidal or triangular wave form.

Please replace the first full paragraph on page 7 with the following paragraph:

The spray produced according to the invention is directed to the object, surface, or tissue to be sprayed for the time and frequency required to accomplish a particular purpose or treatment. It is believed that a minimum length of spray of at least one second will be required; however, the length or duration of the spray could be from about one second to as much as a minute or more, even 30 minutes. Numerous factors or circumstances, such as, for example, the area to be sprayed (e.g., the size of a wound), the volume rate of spray produced, the concentration of active ingredient, etc., will impact upon the duration and/or frequency of the spraying. Spraying could be required from one or more times daily to as little as two or three